

Title (en)

Casting preforms and methods of use thereof

Title (de)

Giessvorformen und deren Verfahren zur Verwendung

Title (fr)

Préforme pour la coulée et leurs méthodes d'utilisation

Publication

EP 2631024 A2 20130828 (EN)

Application

EP 13155680 A 20130218

Priority

US 201213402663 A 20120222

Abstract (en)

Casting preforms (120) are provided comprising a casting preform assembly (130); and a plurality of geometrically shaped bodies (140), wherein the plurality of geometrically shaped bodies (140) are arranged or interconnected to form the casting preform assembly (130). Also provided is a method of using a casting preform (120), comprising forming a casting preform assembly (130), wherein the casting preform assembly (130) comprises a plurality of geometrically shaped bodies (140); anchoring the casting preform (120) to an outer surface (150) of a casting mold (110); introducing a fluid casting material (160) into the casting mold; applying centrifugal force to the casting mold (110); forming a molded article, wherein at least a portion of the surface of the molded article is reinforced with the plurality of geometrically shaped bodies (140).

IPC 8 full level

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CPC (source: EP US)

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BA ME

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